

FSA Integration Partner

United States Department of Education

Federal Student Aid



Enterprise Application Integration (EAI)

Mellon Bank to FMS

Interface Control Document

Version 1.1

June 19, 2002

Document Change Control

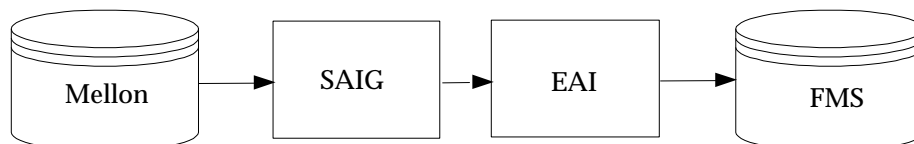
Date	Author	Version	Change Reference
6/19/02	Brian Whisnant	1.0	Initial Document Creation
7/29/02	Brian Whisnant	1.1	Added SAIG, FMS, file details

Approval

Created By:	Brian Whisnant	703-947-3254	Creation Date: 6/19/02
Approved By:			Approval Date: TBD
Tech Sign Off:			Sign Off Date: TBD

Interface Control Specification

Interface Name:	
Interface Type:	
Interface Short Description:	This interface is used to transmit data from Mellon Bank to FMS
Source Application:	Mellon Bank
Destination Application:	FMS
Functional Requirement References:	
Related Interface Internal Design(s):	
Related Unit Test Document:	
Other Related Interfaces:	
Interface Usage Frequency:	One file will be created and transmitted nightly.
Interface Usage Volume:	The file will be ~100KB

Interface Overview**Flow Diagram:**

Usage Scenario:

Mellon Bank will create a file to be transmitted via SAIG and the EAI Bus to FMS. The file will be transmitted on a nightly basis, arriving at FMS no later than 8 pm.

#	Name	Description	Object Type	Hardware	Operating System
1	Mellon	Mellon Bank	Flat file	TBD	TBD
2	SAIG	Student Access Internet Gateway	Flat file	HP	HP-UX
3	EAI BUS	Transports file to FMS	Flat file	Sun	Solaris 7
4	FMS	Financial Management System	Flat file	HP	HP-UX

Mellon Bank (Source) System Hardware/Software Components

#	Type	Vendor	Product Name	Version
1	Production Platform	TBD		
2	Operating System	TBD		
3	DBMS	TBD		
4	Transmission Protocol	TBD		

FMS (Destination) Hardware/Software Components

#	Type	Vendor	Product Name	Version
1	Production Platform	HP		
2	Operating System	HP-UX		B.11.00 9000
3	DBMS	Oracle	Oracle 8	8.0.5
4	Transmission Protocol	TCP/IP		

Source System Additional Information

#	Type	
1	Production System IP Address	N/A
2	Production System Location	Pittsburgh, PA
3	Contracting Organization	Mellon Bank
4	Developer Location	Pittsburgh, PA

Destination System Additional Information

#	Type	
1	Production System IP Address	4.20.14.13 (Actual), 4.20.14.40 (Virtual)
2	Production System Location	VDC
3	Contracting Organization	
4	Developer Location	DOE, Washington D.C.

Source System Responsibilities

#	Type	Responsibility
1	File Creation	Create the Funds Remittance data file nightly. The file should be sent to SAIG by 7 pm, in order to ensure delivery to FMS by 8 pm. Placement: bTrade mailbox
2	System Configuration	TBD

Destination System Responsibilities

#	Type	Responsibility
1	System Configuration	FMS will be able to perform any necessary validations of the nightly file

Interface Assumptions

#	Assumption
1	Any validation of the file will be performed on FMS, not by the EAI bus.
2	
3	

Interface Dependencies

#	Dependency
1	
2	

File Specification #1 – <add filename here>

Header:

Start	End	Length	Type	Description	Valid Values
				TBD	

File Layout:

Start	End	Length	Type	Description	Valid Values
1	6	6	Number	Audit Year	>= '1997'
7	10	4	Char	Audit Period Start Date	YYYYMMDD
...
				(above rows are intended as an example only, please remove them)	

Trailer:

Start	End	Length	Type	Description	Valid Values
				TBD	

Error Messages

#	Code	Message
		TBD

Issues and Additional Considerations

Raised By	Issue	Date Needed	Resolution/Answer	Date Completed	Resolved By

Reviewers

Name	Date	Team